

Appl. No. 10/788,577
Amtd. Dated April 21, 2006
Reply to Office Action of March 29, 2006

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A liquid crystal display, comprising:
a backlight module having a light source, a light guide plate, a reflector,
and a quarter-wave plate, the light source being disposed adjacent to one side
of the light guide plate, and the reflector, the quarter-wave plate and the light
guide plate being stacked together from bottom to top in that order; and at
least one of the following elements: a plurality of V-shaped grooves in a top
surface of the light guide plate; and a diffuser positioned on top of the light
guide plate; and

a liquid crystal panel having a reflective polarizing element, the liquid
crystal panel is being located on the backlight module, and the reflective
polarizing element faces facing a top surface of the light guide plate.

Claim 2 (canceled).

Claim 3 (original): The liquid crystal display of claim 1, wherein the
quarter-wave plate is attached to a bottom surface of the light guide plate.

Claim 4 (original): The liquid crystal display of claim 3, further
comprising a diffuser disposed between the liquid crystal panel and the light
guide plate.

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Claim 5 (original): The liquid crystal display of claim 4, further comprising a brightness enhancing film disposed between the diffuser and the liquid crystal panel.

Claim 6 (original): The liquid crystal display of claim 5, further comprising a plurality of printing-dots being defined on the bottom surface.

Claims 7-12 (canceled)

Claim 13 (currently amended): A liquid crystal display comprising:
a light guide plate;
a light source located by one side of the light guide plate;
a quarter-wave plate located under said light guide plate;
a reflector located under said quarter-wave plate; and
a reflective polarizing element located above the light guide plate; and
at least one of the following elements:

a plurality of V-shaped grooves in a top surface of the light guide plate; and

a diffuser positioned on top of the light guide plate, such a diffuser being interposed between the light guide plate and the reflective polarizing element.

Claim 14 (new): A liquid crystal display comprising:
a reflective polarizing element;
a quarter-wave plate located under the reflective polarizing element;
a light guide plate interposed between the reflective polarizing element and the quarter-wave plate, the light guide plate having a top surface facing and spaced from the reflective polarizing element;

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a light source located on one side of the light guide plate; and
a reflector located under said quarter-wave plate.

Claim 15 (new): The liquid crystal display of claim 14, wherein the light guide plate has a plurality of V-shaped grooves defined in the top surface thereof.

Claim 16 (new): The liquid crystal display of claim 14, wherein a diffuser is interposed between the light guide plate and the reflective polarizing element.